```
INPUT Day_Num
Day_Num ← Day_Num MOD 7
IF Day_Num = 1
   THEN OUTPUT "Monday"
IF Day_Num = 2
   THEN OUTPUT "Tuesday"
IF Day_Num = 3
   THEN OUTPUT "Wednesday"
IF Day_Num = 4
   THEN OUTPUT "Thursday"
IF Day_Num = 5
   THEN OUTPUT "Friday"
IF Day_Num = 6
   THEN OUTPUT "Saturday"
IF Day_Num = 0
   THEN OUTPUT "Sunday"
```

Date

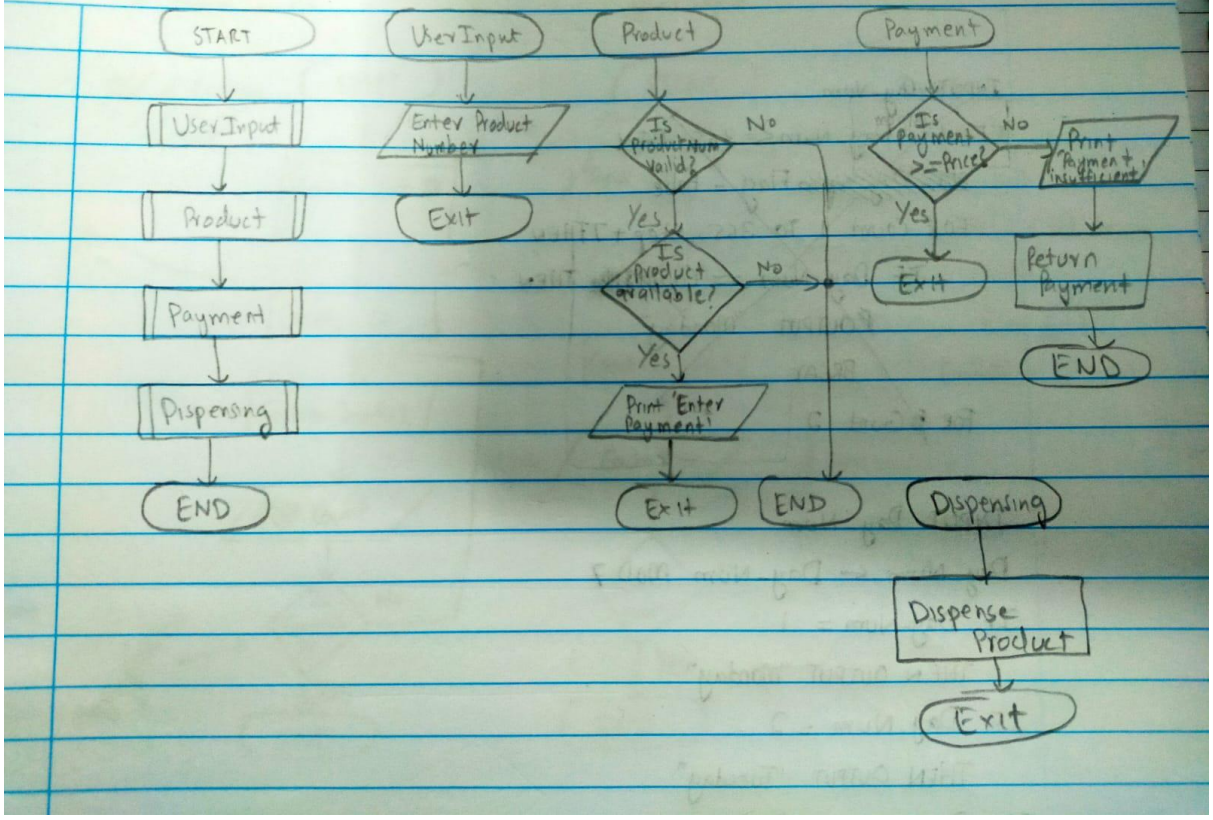
LAB PSUEDOCODES

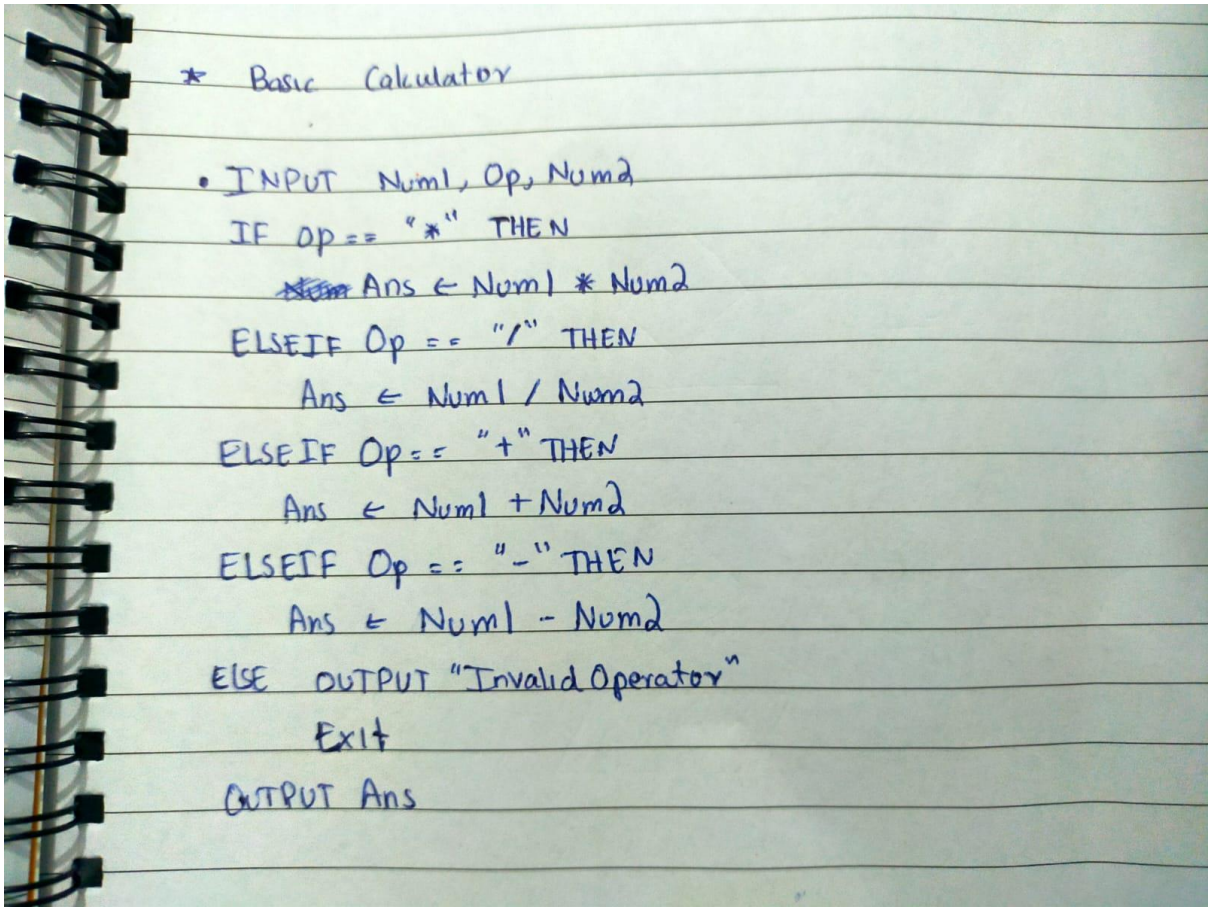
- * Smallest number among three given variables

- INPUT Num1, Num2, Num3
  IF Num1 <= Num2 AND Num1 <= Num3
    THEN OUTPUT Num1
  ELSEIF Num2 <= Num1 AND Num2 <= Num3
    THEN OUTPUT Num2
  ELSE OUTPUT Num3

Vending Machine

Date:





* Basic Calculator

- INPUT Num1, Op, Num2
  IF Op == "*" THEN
    Ans ← Num1 * Num2
  ELSEIF Op == "/" THEN
    Ans ← Num1 / Num2
  ELSEIF Op == "+" THEN
    Ans ← Num1 + Num2
  ELSEIF Op == "-" THEN
    Ans ← Num1 - Num2
  ELSE OUTPUT "Invalid Operator"
    Exit
  OUTPUT Ans

* Determine Prime Number

Flag ← True

- INPUT Num

FOR i = 2 to Num - 1

IF Num MOD i == 0

THEN Flag ← False

IF Flag == True

THEN OUTPUT Num, "is prime"

ELSE OUTPUT Num, "is not prime"